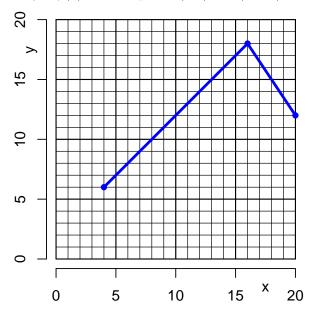
PCW_09_18 Find new points after transformation (version 11)

Question 1

Curve y = f(x) contains points (4,6) and (16,18) and (20,12), as shown on the x-y plane below.



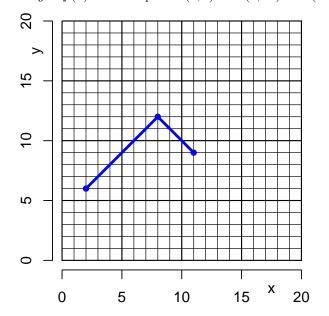
$$y = f(x)$$

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[2x+4]}{3} - 2$$

Question 2

Curve y = f(x) contains points (2,6) and (8,12) and (11,9), as shown on the x-y plane below.



y = f(x)

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x+4}{2}\right]}{3} - 1$$